

**DII.3003.Sol251.KernelP5.IG-1**

**Defense Information Infrastructure (DII)  
Common Operating Environment (COE)**

**Version 3.0.0.3**

**Kernel Patch 5 Installation Guide  
(Solaris 2.5.1)**

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## Preface

The following conventions have been used in this document:

[HELVETICA FONT]	Used to indicate keys to be pressed. For example, press [RETURN].
Courier Font	Used to indicate entries to be typed at the keyboard, operating system commands, titles of windows and dialog boxes, file and directory names, and screen text. For example, type the following command at the prompt:  setenv boot-device diskN
"Quotation Marks"	Used to indicate prompts and messages that appear on the screen.
<i>Italics</i>	Used for emphasis.

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# 1. Introduction

## 1.1 Overview

The Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Kernel Patch 5 (Solaris 2.5.1) includes the following enhancements:

**Enhanced printer capabilities:**

- ⌘ Network printer management
- ⌘ Network print queue management
- ⌘ Print drivers support
- ⌘ Remote printing (Wide Area Network (WAN) and dial-up).

**Resolved problem reports:**

- ⌘ Patches can now be installed from the network

Refer to the *DII COE Version 3.0.0.3 Version Description Document for the Kernel Patch 5* for more information about the DII COE Kernel Patch 5.

This DII COE Version 3.0.0.3 Kernel Patch 5 (Solaris 2.5.1) tape is a patch segment and must be installed after the Solaris 2.5.1 Operating System, and the DII COE Kernel. Refer to the *DII COE Kernel Installation Guide (Solaris 2.5.1)* for instructions on installing the Solaris 2.5.1 Operating System and the DII COE Kernel.

It is recommended that the DII COE Version 3.0.0.3 Kernel Patches 2, 3, and 4 (Solaris 2.5.1) be installed prior to installation of the DII COE Version 3.0.0.3 Kernel Patch 5 (Solaris 2.5.1). Refer to the *DII COE 3.0.0.3 Kernel Patch 2 Installation Guide (Solaris 2.5.1)*, the *DII COE 3.0.0.3 Kernel Patch 3 Installation Guide (Solaris 2.5.1)*, and the *DII COE 3.0.0.3 Kernel Patch 4 Installation Guide (Solaris 2.5.1)* for instructions on installing the DII COE 3.0.0.3 Kernel Patches 2, 3, and 4.

## 1.2 Referenced Documents

The following documents are referenced in this installation guide:

- C DII.3003.Sol251.Kernel.VDD-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Version Description Document for the Kernel Patch 5 (Solaris 2.5.1)*, August 8, 1997
- C DII.3003.Sol251.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Kernel Installation Guide (Solaris 2.5.1)*, April 14, 1997
- C DII.3003.Sol251.KernelP2.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Kernel Patch 2 Installation Guide (Solaris 2.5.1)*, May 9, 1997
- C DII.3003.Sol251.KernelP3.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Kernel Patch 3 Installation Guide (Solaris 2.5.1)*, July 22, 1997
- C DII.3003.Sol251.KernelP4.IG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.0.3 Kernel Patch 4 Installation Guide (Solaris 2.5.1)*, July 30, 1997
- C DII.31.HPSOL.AG-1, *Defense Information Infrastructure (DII) Common Operating Environment (COE) Version 3.0.1.0 System Administrator's Guide (HP-UX 10.20 and Solaris 2.5.1)*, April 14, 1997.



## 2. Kernel Patch Installation

This DII COE Version 3.0.0.3 Kernel Patch 5 (Solaris 2.5.1) tape is a patch segment and must be installed after the Solaris 2.5.1 Operating System, and the DII COE Kernel. It is also recommended that the DII COE Version 3.0.0.3 Kernel Patches 2, 3, and 4 be installed prior to installation of the DII COE Version 3.0.0.3 Kernel Patch 5. Refer to the *DII COE Kernel Installation Guide (Solaris 2.5.1)* for instructions on installing the Solaris 2.5.1 Operating System and the DII COE Kernel. Refer to the *DII COE Version 3.0.0.3 Kernel Patch 2 Installation Guide (Solaris 2.5.1)*, the *DII COE Version 3.0.0.3 Kernel Patch 3 Installation Guide (Solaris 2.5.1)*, and the *DII COE Version 3.0.0.3 Kernel Patch 4 Installation Guide (Solaris 2.5.1)* for instructions on installing the DII COE 3.0.0.3 Kernel Patches 2, 3, and 4.

Follow the steps below to install the DII COE Version 3.0.0.3 Kernel Patch 5 (Solaris 2.5.1) segment. Refer to the *DII COE System Administrator's Guide (HP-UX 10.20 and Solaris 2.5.1)* for more information about installing segments.

- STEP 1: Load the patch tape.** Load the patch tape into a tape drive.
- STEP 2: Log in as system administrator.** Type `sysadmin` at the Name prompt and press [RETURN].
- STEP 3: Enter the sysadmin password.** Type the `sysadmin` password at the Password prompt and press [RETURN]. The System Administration software appears.
- STEP 4: Select the segment installer option.** Select the Segment Installer option from the Software pull-down menu. The Installer window appears (Figure 1).

**NOTE:** Ensure that you can see the whole window by clicking on the bottom right edge of the window and dragging the trackball or mouse outward to enlarge the window.

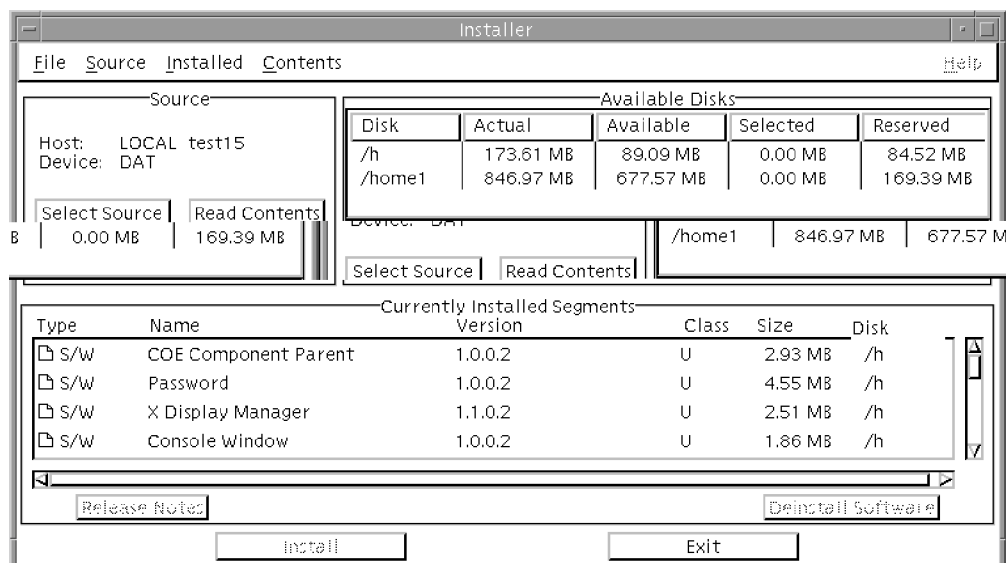


Figure 1. Installer Window

- STEP 5: Check the installation device.** The **Source** panel displays the name of the host machine and the name of the installation device. The device selection defaults to the DAT drive on the local machine. Click on the **Select Source** button in the **Source** panel to open the **Select Source** window (Figure 2) if you want to select the **REMOTE** option to install from a remote machine.

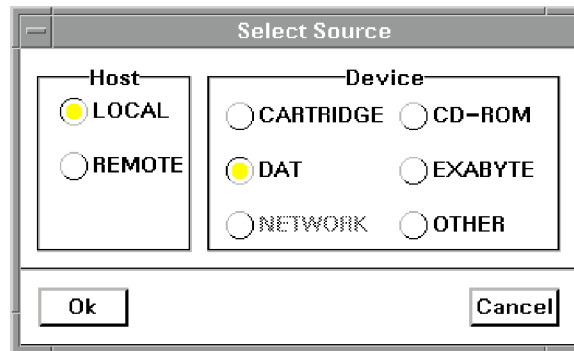


Figure 2. Select Source Window

- STEP 6: Read the table of contents of the DAT.** Click on the **Read Contents** button in the **Source** panel. The media is scanned, and the **Installer** window adds the **Select Software To Install** panel. This panel lists the DII COE 3.0.0.3 Kernel Patch 5 segment, which is the patch you want to install. Figure 3 shows a sample **Installer** window with the **Select Software To Install** panel.

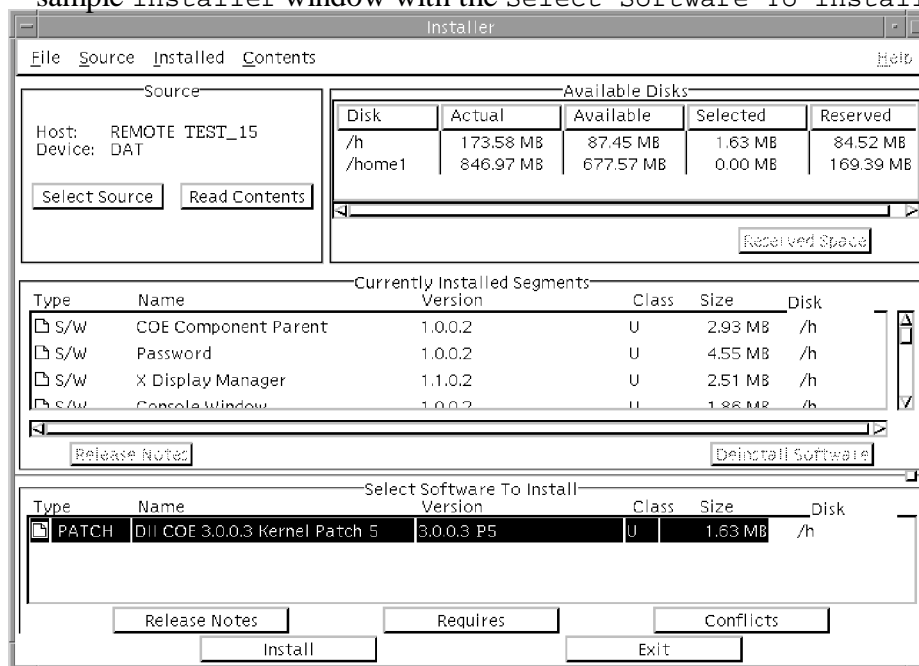


Figure 3. Installer Window with Select Software To Install Panel

**STEP 7: Select the segment that you want to install.** Click on the DII COE 3.0.0.3 Kernel Patch 5 segment in the Select Software To Install panel to select it for installation. The Available Disks panel displays the mounted disk drives on the system and the remaining available disk space as the segment is selected.

**NOTE:** If you wish to view Release Notes and Requires information, continue on to Step 8 and Step 9. If not, go to Step 10.

**STEP 8: View Release Notes for the segment.** Click on the Release Notes button in the Select Software To Install panel to display release notes for the DII COE 3.0.0.3 Kernel Patch 5 segment. Figure 4 shows a sample RELEASE NOTES window.

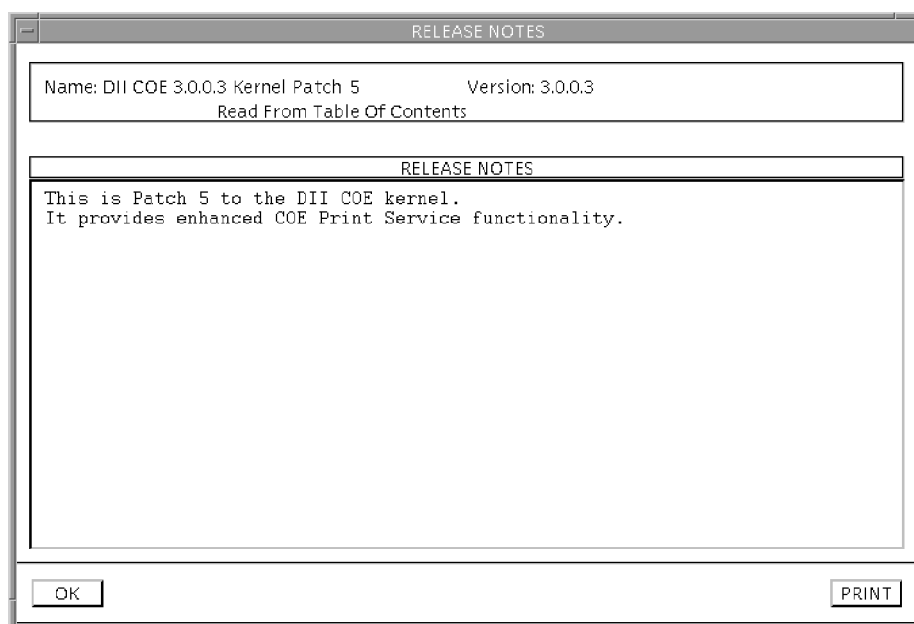


Figure 4. RELEASE NOTES Window

**STEP 9: View segments that need to be installed.** Click on the Requires button in the Select Segment To Install panel. The REQUIRED SEGMENTS window (Figure 5) appears listing the COE 1.0.0.2 segment, which needs to be installed before installing the DII COE 3.0.0.3 Kernel Patch 5 segment.

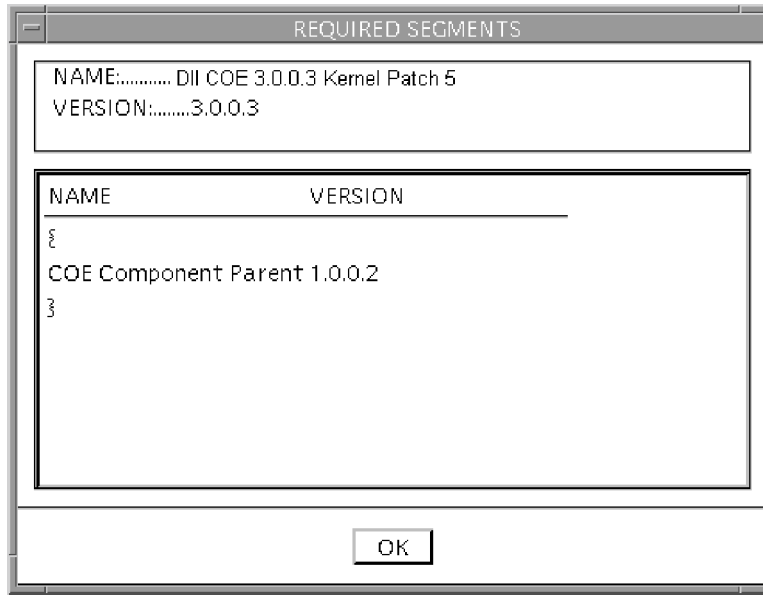


Figure 5. REQUIRED SEGMENTS Window

**NOTE:** You do not need to click on the Conflicts button in the Select Segment To Install panel because this patch segment has no conflicting segments.

**STEP 10: Begin the installation process for the segment.** Click on the Install button once you select the DII COE 3.0.0.3 Kernel Patch 5 segment. The Installer Status window appears, which shows the segment you are installing and the size of the segment. This window also shows a Percent Complete status bar, which displays the status of the installation.

**STEP 11: Ensure the segment installed correctly.** Once the installation is complete, the DII COE 3.0.0.3 Kernel Patch 5 segment appears in the Currently Installed Segments panel of the Installer window.

**STEP 12: Display a detailed log of the installation process.** Select the Installation Log option from the Installed pull-down menu once installation has completed to display a message stating that the patch installed successfully.

**STEP 13: Exit the installer window.** Click on the Exit button to exit the Installer window once you have installed the DII COE 3.0.0.3 Kernel Patch 5 segment.

**STEP 14: Initiate the Reboot Machine sequence.** Select the Reboot System option under the Hardware pull-down menu. The Reboot? window appears.

**STEP 15: Verify Reboot selection.** In the Reboot? window, you see the following prompt:

Do you want to shut down and reboot the computer?

Click on the OK button to initiate the reboot sequence.

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